

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

**FREE TRANSMITTAL**  
MAR 1 1 2003  
MAR 1 3 2003  
Patent fees are subject to annual revision.  
Applicant claims small entity status. See 37 CFR 1.01(c).  
**TOTAL AMOUNT OF PAYMENT (\$240.00)**

**Complete if Known**  
**RECEIVED**  
Application Number 09/227,742  
Filing Date January 8, 1999  
First Named Inventor Fredric R. Bloom  
Examiner Name Loeb, B.  
Group Art Unit 1636  
Attorney Docket No. 0942.4770003/RWE/FRC  
MAR 20 2003  
TECH CENTER 1600/2500

**METHOD OF PAYMENT (check all that apply)**  
☐ Check ☒ Credit card ☐ Money Order ☒ Other\*\* ☐ None  
\*\* Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.  
☐ Deposit Account  
Deposit Account Number 19-0036  
Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
**The Commissioner is authorized to: (check all that apply)**  
☒ Charge fee(s) indicated below ☒ Credit any over payments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	750	Utility filing fee	
		1002	330	Design filing fee	
		1003	520	Plant filing fee	
		1004	750	Reissue filing fee	
		1105	160	Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>					

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Extra	Fee from below	Fee Paid
Total Claims 43 - 39** = 4	X 18	= 72.00
Indep. Claims 7 - 5** = 2	X 84	= 168.00
Multiple Dependent		=

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1202	18	Claims in excess of 20	
		1201	84	Independent claims in excess of 3	
		1203	280	Multiple dependent claim, if not paid	
		1204	84	**Reissue independent claims over original patent	
		1205	18	**Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2) (\$)</b>					240.00

\*\*or number previously paid, if greater; For Reissue, see above

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	2051 65 Surcharge - late filing fee or oath	
		1502	50	2052 25 Surcharge-late provisional filing fee or cover sheet	
		1053	130	1053 130 Non-English specification	
		1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
		1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
		1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
		1251	110	2251 55 Extension for reply within first month	
		1252	410	2252 205 Extension for reply within second month	
		1253	930	2253 465 Extension for reply within third month	
		1254	1,450	2254 725 Extension for reply within fourth month	
		1255	1,970	2255 985 Extension for reply within fifth month	
		1401	320	2401 160 Notice of Appeal	
		1402	320	2402 160 Filing a brief in support of an appeal	
		1403	280	2403 140 Request for oral hearing	
		1451	1,510	1451 1,510 Petition to institute a public use proceeding	
		1452	110	2452 55 Petition to revive - unavoidable	
		1453	1,300	2453 650 Petition to revive - unintentional	
		1501	1,300	2501 650 Utility issue fee (or reissue)	
		1502	470	2502 235 Design issue fee	
		1503	630	2503 315 Plant issue fee	
		1460	130	1460 130 Petitions to the Commissioner	
		1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
		1806	180	1806 180 Submission of Information Disclosure Stmt	
		8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
		1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
		1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
		1801	750	2801 375 Request for Continued Examination (RCE)	
		1802	900	1802 900 Request for expedited examination of a design application	
Other fee (specify)					
* Reduced by Basic Filing Fee Paid					
<b>SUBTOTAL (3) (\$)</b>					

**SUBMITTED BY**

Name (Print/Type)	Frank R. Cottingham	Registration No. (Attorney/Agent)	50,437	Telephone	202-371-2600
Signature	Frank R. Cottingham			Date	MAR. 13, 2003

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time is depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

# Sterne Kessler Goldstein Fox



Robert Greene Sterne  
Edward J. Kessler  
George A. Goldstein  
David K. S. Gornwe  
Robert W. Esmond  
Mary Jane G. Dunkin  
Michael A. Gimbal  
Michael B. Ray  
Robert E. Sokol  
Eric A. Stette  
Michael Q. Lee  
Steven R. Ludwig  
John M. Covert  
Linda E. Alcorn  
Robert C. Muller  
Lawrence B. Bugalsky  
Donald J. Ragmarstone  
Michael V. Meisinger

Judith J. Kim  
Timothy J. Shea, Jr.  
Patrick E. Garrett  
Jeffrey T. Helvey  
Heidi L. Kraus  
Crystal D. Hayes  
Edward W. Lee  
Albert C. Fierro  
Donald R. Ranzow  
Peter A. Jakmar  
Molly A. McCall  
Teresa J. Medler  
Jeffrey S. Weaver  
Kendrick P. Patterson  
Vincent J. Capuano  
Albert J. Pasquale  
Eldora Elson Floyd  
Thomas C. Fiala

Brian J. Del Buono  
Virgil Lee Beason  
Kimberly N. Reddick  
Theodore A. Wood  
Elizabeth J. Haanes  
Bruce E. Chaker  
Joseph S. Ostroff  
Frank R. Cottingham  
Christine M. Wheeler  
Rae Lynn Phengamun  
Jane Shershenovitch  
Lawrence J. Carroll  
George S. Bardmesser  
Daniele A. Klein  
Rodney G. Maze  
Jason D. Eisenberg  
Michael A. Specht  
Andrea J. Kamae

**Registered Patent Agents\***  
Karen R. Markowitz  
Nancy J. Leith  
Ann E. Summerfield  
Helene C. Carlson  
Gabby L. Longworth  
Matthew J. Dowd  
Aaron J. Schwartz  
Angelique G. Joly  
Roni A. Matvenko  
Mary B. Tung  
\*Latina E. Pei  
Eryan L. Skelton  
Robert A. Schwartzman  
John J. Figueroa  
Timothy A. Doye  
Jennifer R. Mahalingappa  
Jeff Longren

Teresa Colella  
Jon Wright  
Victoria Rutherford  
W. Brian Edge

**Senior Counsel**  
Samuel L. Fox  
Kenneth C. Bassett  
Lisa A. Dunner

\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Admitted only in Texas  
\*Practice limited to  
Federal Agencies

March 13, 2003

**WRITER'S DIRECT NUMBER:**  
(202) 772-8615

**INTERNET ADDRESS:**  
FRANKC@SKGF.COM

Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

MAR 20 2003

TECH CENTER 1600/2900

**Art Unit 1636**

Re: U.S. Utility Patent Application  
Appl. No. 09/227,742; Filed: January 8, 1999  
For: **Method for Increasing Viability and Transformation Efficiency of  
Bacteria During Storage at Low Temperatures**  
Inventors: Bloom *et al.*  
Our Ref: 0942.4770003/RWE/FRC

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal Form (PTO/SB/17);
2. Amendment and Reply Under 37 C.F.R. § 1.111;
3. Form PTO-2038 Credit Card Payment Form in the amount of **\$240.00** to cover the extra claims fee; and
4. Return postcard.

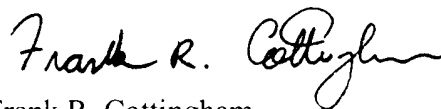
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
March 13, 2003  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Frank R. Cottingham  
Attorney for Applicants  
Registration No. 50,437

FRC/pcd  
Enclosures

EDMA\MHODMA SKGE\_DC1\110417\1